350. Introductory Human Pharmacology
Spring. 3(3-0) PSL 432 or PSL 241 or concurrently; or approval of department.
General principles; central nervous system, autonomic nervous system, cardiovascular and renal drugs; chemotherapy; and other selected basic topics.

430. Drug Abuse
Fall. Odd-numbered years. 4(4-0)
Juniors or approval of department. Biology and chemistry recommended.
Actions, mechanism of action, toxicity and use of drugs of abuse. Sociological and psychological aspects of drug abuse and the legal aspects of the sale and distribution of drugs are considered.

450. Introduction to Chemical Toxicology
Spring. 3(3-0) B S 210, B S 211, B S 212, CEM 42
Potential risk of environmental chemicals to animal and human health.

503. Introduction to Medical Biology
Fall. 5(5-0) Admission to the College of Human Medicine. Interdepartmental with the departments of Biochemistry, Microbiology and Public Health, and Physiology. Administered by the Department of Microbiology and Public Health.
Principles of medical biology for medical students.

520. Medical Pharmacology I
(550B.) Fall. 4(4-0) PSL 500A or PSL 500E, BCH 501 or BCH 512.
Drug absorption, distribution, biotransformation, elimination, antagonism; receptor theory and pharmacogenetics. Chemotherapy; anti-neoplastic, antibacterial and antimicrobial agents. Toxicology and emergency therapies. Pharmacology related to the autonomic nervous system.

521. Medical Pharmacology II
(521B.) Winter. 4(4-0) PMH 520.
Pharmacology of the central and peripheral nervous systems. Cardiovascular, renal and gastrointestinal drugs. Endocrine and autonomic pharmacology.

554. Veterinary Pharmacology and Toxicology I
(554A.) Fall. 4(4-0) PSL 500B, PSL 500C.
Drug absorption, distribution, biotransformation, elimination, receptor theory and pharmacogenetics; chemical toxicity; autonomic nervous system, cardiovascular and renal pharmacology.

555. Veterinary Pharmacology and Toxicology II
(555A.) Winter. 5(4-2) PMH 554.
Endocrine, autacoid and central nervous system pharmacology; chemotherapy: antimicrobials, anthelmintics, antineoplastics.